

Phasefale TACm: Enclosure installation/ Cable Routing

1



Decide if you want straight (left picture) or tilt mounting. The wall mount conduit entry points are at the bottom for straight mount and at the top for tilt (approx 15 degrees) mounting.

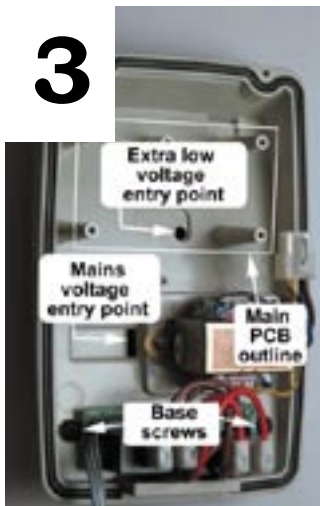
2

Mount the wall mount base using the 4 off 6mm mounting holes, centers are 90mm high x 72mm wide. (Fixings not included). For conduit entry, the cables for the TACm can enter through the 2 x 19mm conduit entry points placed 30mm apart. Use a knife as shown to open out the holes. Alternatively, the cables can come through the rear of the mounting surface, simply drill a hole in the wall mount base.



For maximum safety, bring LV mains cables (e.g. 240 V AC supply, compressor/evaporator control, fan, heater and alarm light) in through a different conduit than the Extra Low voltage cables (e.g. Sensor cable, alarm isolate, defrost terminate, alarm buzzer and security etc.)

3



Before fitting the enclosure base over the wall mount base, feed the ELV cabling through the opening under the circuit board and up to the top of the board. The hole can be enlarged as required with a sharp knife.

For maximum environmental protection, keep the hole as small as possible and later it can be silicone sealed. Similarly feed the LV mains cables through the rectangular slot, enlarging as required.

For maximum safety, ensure LV and ELV cables are segregated.

Locate the enclosure base over the wall mount base with the top 2 lugs and bottom screws provided

5

If a Complog transceiver is to be fitted, temporarily remove the main PCB, and fit Complog on the 3 mounting posts, with

a screw at the top right corner to capture the board. When mounting Complog in the enclosure the black box supplied is discarded



4

For an electric defrost system, the optional board is fitted at the bottom of the enclosure base using the 3 screws supplied. When fitting the Quick connect cable connectors, ensure they face upwards and are fully seated to prevent fouling the enclosure when it is fitted later



6

After all electrical connections have been made, with the ELV cables along the top of the main PCB and LV connections across the bottom, the enclosure cover can be fitted in the following sequence:

- ensure the circular rubber gasket is snug in the channel around the base.
- tilt the cover and locate it under the lug across the bottom of the enclosure base.
- swing the cover against the base and secure with

the 2 supplied screws, for a complete seal tightening them so the gap between the base and cover is even around the whole perimeter.

